

# Commencement Order of Ceremony

## PROCESSIONAL

## NATIONAL ANTHEM

## WELCOME AND OPENING REMARKS

Michael F. Collins, MD  
Chancellor, University of Massachusetts Medical School

## GREETINGS

Kerri Osterhaus-Houle, MD  
University of Massachusetts Board of Trustees

## REMARKS

Martin Meehan, JD  
President, University of Massachusetts

## PRESENTATION OF HONORARY DEGREES

Victor Grifols Roura  
Patricia K. Donahoe, MD  
Valerie Montgomery Rice, MD

## COMMENCEMENT ADDRESS

Valerie Montgomery Rice, MD  
President and Dean, Morehouse School of Medicine

## AWARDING OF DEGREES

GRADUATE SCHOOL OF NURSING  
Joan M. Vitello, PhD, RN, NEA-BC, FAHA, FAAN, Dean  
Class Address, Michele Kennedy Griswold

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES  
Anthony Carruthers, PhD, Dean  
Class Address, Brian Joseph Quattrochi

SCHOOL OF MEDICINE  
Terence R. Flotte, MD, Dean  
*Celia and Isaac Haidak Professor of Medical Education*  
Class Address, Jessica Rose Long

## OATH OF MAIMONIDES

## RECESSIONAL

PLEASE REMAIN SEATED UNTIL THE PLATFORM PARTY, FACULTY AND GRADUATES HAVE LEFT THE TENT.



## Ceremony Participants

### MACEBEARER

Deborah Harmon Hines, PhD

### FACULTY MARSHALS

Timothy Gibson, MD, and Jesica Pagano-Therrien, PhD, RN, CPNP

### STUDENT MARSHALS

Cynthia Theresa Thompson, GSN, and Rebecca Lee Riding, GSBS  
Steven Tirro Em, SOM '18, and Michael Charles Kiritsy, SOM '19

### PRESENTERS

GRADUATE SCHOOL OF NURSING

Janet Fraser Hale, PhD, RN, FNP

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

Kendall L. Knight, PhD

SCHOOL OF MEDICINE

Sonia Nagy Chimienti, MD

### HOODERS

GRADUATE SCHOOL OF NURSING

Master's: Susan Feeney, DNP, FNP-BC, NP-C, and Mary Elizabeth Sullivan, DNP, ANP-BC, ACNP-BC

DNP: Jean E. Boucher, PhD, RN, ANP-BC, AOCNP, and Kenneth S. Peterson, PhD, RN, FNP-BC

PhD: Jean E. Boucher, PhD, RN, ANP-BC, AOCNP, and Carol Boua, PhD, RN, ANP

James Allen Fain, PhD, RN, BC-ADM, FAAN, and Nancy S. Morris, PhD, ANP-BC

Donna J. Perry, PhD, RN

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

Mary Ellen Lane, PhD; Brian Lewis, PhD; and Mentors of the Graduates

SCHOOL OF MEDICINE

Frank J. Domino, MD, and Learning Community Mentors

### ORGANIST

Julie A. Jonassen, PhD

### VOCALISTS

Kendra A. Vandervalk and Krysten L. Kruger

### PROCESSIONAL:

Johann Sebastian Bach, opening march from an academic festival cantata, arranged for organ by  
M. Kenneth Wolf, MD, Professor of Cell Biology, 1970-2008

# *Keynote Speaker*

## **Valerie Montgomery Rice, MD**

Dr. Valerie Montgomery Rice is the sixth president of Morehouse School of Medicine (MSM) in Atlanta, Georgia, and the first woman to lead the free-standing medical institution. A renowned infertility specialist and researcher, she provides a valuable combination of experience at the highest levels of patient care and medical research, as well as organizational management and public health policy.

A dedicated philanthropist, Dr. Montgomery Rice strongly believes in utilizing her leadership roles to give back to the community, particularly to promote healthcare equity and advance the educational opportunities available to underrepresented youth. Under her leadership, MSM embraces a new vision to lead the creation and advancement of health equity. She has nearly doubled the number of medical students and secured more than \$70 million in institution funding, capital projects and scholarships to further diversify Georgia's healthcare professionals.

Dr. Montgomery Rice has received numerous accolades, including the National Coalition of 100 Black Women–Women of Impact; YWCA–Women of Achievement, in both Atlanta (2014) and Nashville (2007); American Medical Women's Association Elizabeth Blackwell Medal; and Working Mother Media Multicultural Women's Legacy Award.

Dr. Montgomery Rice was born in Macon, Georgia where she lived with three sisters and her hardworking, single mother. After suffering from and overcoming osteomyelitis, she began excelling in school and was eventually awarded academic scholarships to attend the Georgia Institute of Technology. Following her undergraduate career, she received her medical degree from Harvard Medical School, completed her residency training in obstetrics and gynecology at Emory University School of Medicine and her fellowship in reproductive endocrinology and infertility at Hutzel Hospital in Detroit, Michigan.

Dr. Montgomery Rice began her career in medicine at the University of Kansas School of Medicine, Henry Ford Medical Center and Meharry Medical College, where she founded and directed the Center for Women's Health Research, one of the nation's first research centers devoted to studying diseases that disproportionately impact women of color. She returned to Georgia in 2011 as dean and executive vice president of Morehouse School of Medicine.

Dr. Montgomery Rice has been married to her fellow Georgia Institute of Technology alumnus, Melvin Rice, Jr., for 25 years. They have two children.

# *Honorary Degree Recipients*

## **Victor Grifols Roura**

Victor Grifols Roura is non-executive chairman and proprietary director of Grifols, S. A., which embraces as its mission to improve people's health and well-being. The company was founded by Mr. Grifols' grandfather, father and uncle in 1940, at the end of the Spanish civil war, in response to their experience helping in the blood bank during the war.

In 1973, after earning a business administration degree from the University of Barcelona, Mr. Grifols joined the company as an export manager; he succeeded his father as CEO in 1985. As a result of his strategic vision, Grifols has grown from a local Spanish biologics company into a global biopharmaceutical company which sells a wide range of biologics, diagnostic and hospital products in over 100 countries. On January 1, 2017, Mr. Grifols turned over the day-to-day management of the company to his youngest brother Raimon and son Victor and assumed his current position.



The 2014 outbreak of Ebola in Liberia brought MassBiologics and Grifols together because of their shared mission and technology. The old Chinese proverb about giving a poor man a fish vs. teaching him to fish governed Mr. Grifols' commitment to making technology available in West Africa. Working with UMass to get access to the appropriate government and infrastructure personnel enabled Grifols to take their treatment idea and run with it. Having donated mobile lab facilities, they are training Liberians how to use them and will then hand over the keys and equipment.

Mr. Grifols is responsible for developing the non-commercial activities of the company. The *Víctor Grifols i Lucas Foundation* is a respected resource on bioethical issues, its main mission being to act as a platform for the exchange of different perspectives on the complicated ethics and bioethics issues that profoundly affect modern society.

Working with local populations, the *Probitas Foundation* promotes and finances much-needed services, engineering support, laboratory equipment, and other tangible assets and resources to improve healthcare in areas of the world that suffer from a lack of economic and technology resources.

The primary mission of the *José Antonio Grifols Lucas Foundation* is to support education and health programs that improve the well-being of individuals who donate their plasma at Grifols' donation centers throughout the United States.

### Patricia Donahoe, MD

Patricia K. Donahoe, MD, serves as Director of the Pediatric Surgical Research Laboratories and Chief Emerita of Pediatric Surgical Services at Massachusetts General Hospital, where she has worked virtually her entire career, and as the *Marshall K. Bartlett Professor of Surgery* at Harvard Medical School.

Dr. Donahoe grew up in the town of Braintree where she was an indifferent young student. Her father was a medic in WWII and always had an interest in medicine, but medicine as a vocation didn't register with her until she was about 12 or 13 and underwent emergency surgery. She got to know her physician well, and it was then she felt her first inkling of interest in medicine.

In high school, she was more interested in sports than anything else, and subsequently, attained her Bachelor of Science degree in Physical Education, a discipline which includes many pre-medical courses, from Boston University, where she currently serves on the Board of Trustees. As a result, she became sincerely interested in medicine. After graduating, she taught for two years at Indiana University and took all of the other pre-med courses she hadn't taken as an undergraduate.

Dr. Donahoe received her MD from Columbia University College of Physicians and Surgeons, one of 10 women in her class of 120. With her husband and their two children, she moved back to the Boston area where she was fortunate to get a residency at Tufts, trained in general surgery, and was the first woman and first chief resident in their surgical program. There were no women in the department of surgery at MGH when she arrived, but with the help of mentors, she became a meticulous surgeon, built a surgical practice and reveled in laboratory work.

As a pediatric surgeon, Dr. Donahoe deals with birth defects, and she became interested in Mullerian Inhibiting Substance as a potential anticancer agent against human ovarian carcinomas and the genetics of sex differentiation and other congenital anomalies, for which she has been steadily funded by the NIH.

She has trained over 100 fellows who now hold significant academic positions around the world, published over 230 peer-reviewed publications, and holds 12 patents. She is a member of the National Academy of Sciences, the American Academy of Arts and Sciences, and the National Academy of Medicine.

# *The Classes of 2017*

## *Graduate School of Nursing*

### Master of Science

Lynn Arthur	Rebecca Krieger *
Jessica Marie Ashman *	Natalia Krzyzanowski *
Tracy Beckman *	Cheryl Kurtz
Heather L. Beckner *	Alan Kwan
Rachel Meyer Bensen * <sup>b</sup>	Chantelle LaMountain *
Anthony Bueno *	Kaileigh Lavin *
Ashley Burke *	Sarrin E. List
Lisa Cioffari-Bailiff *	Michelle Margolis
Kamrie Costello * <sup>b</sup>	Kimberly Lyn Marsh *
Kathryn Romaine Crawford *	Emily Rose Martin *
Kathryn Elizabeth DiFiore	Nicholas Merry
Kasia S. Dodman	Hannah Mitchell *
Hilary Marie Dulin	Elizabeth Kaylin Moorghen *
Susan Clare Emmerling *	Ania Moradkhani *
Linda Ann Fasci *	Amanda Jean Murray *
Melanie Ann Faust *	Rebecca Ogembo
Rachel Fields *	Naomi K. Pappas *
Alicia M. Filewicz *	Lauren Philbrick
Richard William Gallagher * <sup>b</sup>	James Quaicoe
Sonali Ashok Gandhi *	Jamie Noelle Reid *
Celina May Georgia *	Ana Ronderos *
Sarah Glaser	Christina M. Rowland *
Diana Gurske *	Stephanie Salvi *
Stephany Boafo Gyasi *	Christian B. Sikora *
Krystina Mary Habib *	Rebecca Silva *
Timothy Hilton	Caille Louise Souza * <sup>b</sup>
Emily C. Howieson *	Joana Sun *
Christina Lynn Janssens *	Estela Trebicka *
Sarina Kimball *	Briana Karen Wise *
Katherine S. Knapp	Lauren Zancewicz *



## Doctor of Nursing Practice

Stephanie M. Colman-Brochu \*

Mary Margaret Fortunato-Habib \*

Kathleen Marie Kasper \*

## PhD in Nursing

Akwasi Agyemang Duah

*Mentor: Donna J. Perry, PhD, RN*

**DISSERTATION: LIVED EXPERIENCE OF CAREGIVERS OF  
RELATIVES WITH ALCOHOL AND OPIATE DEPENDENCE**

Helen M. Flaherty \*

*Mentor: Jean E. Boucher, PhD, RN, ANP-BC, AOCNP*

**DISSERTATION: INFORMAL CAREGIVERS' EXPERIENCE DURING  
ACUTE EXACERBATION OF COPD IN OLDER ADULTS**

Stephanie Alisha Griggs \*

*Mentor: Carol A. Bova, PhD, RN, ANP*

**DISSERTATION: THE RELATIONSHIP BETWEEN HOPE, CORE  
SELF-EVALUATIONS, EMOTIONAL WELL-BEING, SEXUAL RISK-  
TAKING, SUBSTANCE USE AND ACADEMIC PERFORMANCE IN  
FRESHMAN UNIVERSITY STUDENTS**

Michele Kennedy Griswold \*

*Mentor: Donna J. Perry, PhD, RN*

**DISSERTATION: EXPERIENCES OF RACISM AND BREASTFEEDING  
INITIATION AND DURATION AMONG FIRST-TIME MOTHERS OF  
THE BLACK WOMEN'S HEALTH STUDY**

Nancy C. O'Rourke

*Mentor: Nancy S. Morris, PhD, ANP-BC*

**DISSERTATION: POLITICAL EFFICACY AND PARTICIPATION OF  
NURSE PRACTITIONERS**

Susan O'Hara Sullivan \*

*Mentor: Donna J. Perry, PhD, RN*

**DISSERTATION: MACROCOGNITION IN THE HEALTH CARE BUILT  
ENVIRONMENT (M-HCBE): A FOCUSED ETHNOGRAPHIC STUDY  
OF 'NEIGHBORHOODS' IN A PEDIATRIC INTENSIVE CARE UNIT**

**\*SIGMA THETA TAU INTERNATIONAL NURSING HONOR SOCIETY**

**↳ RURAL HEALTH SCHOLARS PATHWAY**

**PATHWAY STUDENTS, SELECTED AFTER A COMPETITIVE APPLICATION PROCESS,  
ARE RESPONSIBLE FOR COMPLETING ADDITIONAL CURRICULAR REQUIREMENTS  
ABOVE-AND-BEYOND THEIR DEGREE PROGRAM.**

*Kathryn Romaine Crawford is being hooded by her husband, School of Medicine  
graduate Benjamin Colby Crawford; Krystina Mary Habib is being hooded by  
her mother, PhD graduate Mary Margaret Fortunato-Habib; and Mary Margaret  
Fortunato-Habib, by her daughter, MS graduate Krystina Mary Habib.*



## Award Recipients

CHANCELLOR'S AWARD

Mary Margaret Fortunato-Habib

DEAN'S AWARD FOR OUTSTANDING SCHOLARSHIP

Stephanie Alisha Griggs

MARY K. ALEXANDER ACADEMIC ACHIEVEMENT AND LEADERSHIP AWARD

Kaileigh Lavin

ACADEMIC ACHIEVEMENT AND LEADERSHIP AWARD

Melanie Ann Faust

OUTSTANDING NURSE PRACTITIONER STUDENT IN CRITICAL CARE AWARD

Sarina Kimball

JANET MCCUE MAGNER AWARD

Emily C. Howieson

MARY KINNEAR RAYMOND AWARD

Kimberly Lyn Marsh

LUCIE D. RUSSELL BRIEFCASE AWARD

Kasia S. Dodman

Hilary Marie Dulin

Caille Louise Souza

# Graduate School of Biomedical Sciences

PLEASE NOTE: STUDENTS ARE HOODED IN GROUPS ACCORDING TO THEIR MENTORS. SEE PAGE 11 FOR THE ORDER OF HOODING.

## Master of Science in Clinical Investigation

**Melissa L. Anderson**

*Mentor: Douglas M. Ziedonis, MD, MPH*

**DISSERTATION: BARRIERS AND FACILITATORS TO DEAF  
TRAUMA SURVIVORS' HELP-SEEKING BEHAVIOR: LESSONS FOR  
BEHAVIORAL CLINICAL TRIALS RESEARCH**

**Patricia Anne McQuilkin, MD**

*Mentor: Ann M. Moormann, PhD, MPH*

**DISSERTATION: CHARACTERIZATION OF SEVERE MALARIA IN  
LIBERIAN CHILDREN 5 YEARS OLD AND YOUNGER**

**Charles Michael Psoinos, MD**

*Mentor: Heena Pravin Santry, MD*

**DISSERTATION: PREDICTORS OF POST-INJURY  
MORTALITY IN ELDERLY PATIENTS WITH TRAUMA**

## Doctor of Philosophy

**Daniel John Amante**

*Mentor: David M. Harlan, MD*

**DISSERTATION: EVALUATING ACCEPTABILITY, FEASIBILITY  
AND EFFICACY OF A DIABETES CARE SUPPORT PROGRAM  
FACILITATED BY CELLULAR-ENABLED GLUCOSE METERS**

**Navonil Banerjee**

*Mentor: Michael M. Francis, PhD*

**DISSERTATION: TEMPORAL ORGANIZATION OF BEHAVIORAL  
STATES THROUGH LOCAL NEUROMODULATION IN *C. ELEGANS***

**Bianca Lana Bautista**

*Mentor: Susan L. Swain, PhD*

**DISSERTATION: THE ROLE OF LATE ANTIGEN IN CD4 MEMORY  
T CELL FORMATION DURING INFLUENZA INFECTION**

**Robin Leigh Brese**

*Mentor: Paul R. Clapham, PhD*

**DISSERTATION: TISSUE COMPARTMENTALIZATION AND  
TROPISM OF HIV-1**

**Thomas C. Burdett**

*Mentor: Marc R. Freeman, PhD*

**DISSERTATION: AXON DEATH PATHWAYS CONVERGE ON AXED TO  
PROMOTE AXON DISASSEMBLY**

**Stephen Matthew Carpenter**

*Mentor: Samuel M. Behar, MD, PhD*

**DISSERTATION: MEMORY CD8+ T CELL FUNCTION DURING  
MYCOBACTERIUM TUBERCULOSIS INFECTION**

**Michael Ian Carr**

*Mentor: Stephen N. Jones, PhD*

**DISSERTATION: THE ROLE OF MDM2 PHOSPHORYLATION IN  
P53 RESPONSES TO DNA DAMAGE AND TUMOR SUPPRESSION**

**Sourav Roy Choudhury**

*Mentor: Miguel Sena-Esteves, PhD*

**DISSERTATION: DEVELOPING AN ADENO-ASSOCIATED VIRAL  
VECTOR (AAV) TOOLBOX FOR CNS GENE THERAPY**

**Matthew Robert Costa**

*Mentor: Shan Lu, MD, PhD*

**DISSERTATION: FC RECEPTOR-MEDIATED ACTIVITIES OF  
ENV-SPECIFIC MONOCLONAL ANTIBODIES GENERATED FROM  
HUMAN VOLUNTEERS RECEIVING A DNA PRIME-PROTEIN  
BOOST HIV VACCINE**

**Jennifer Lynne Cotton**

*Mentor: Junhao Mao, PhD*

**DISSERTATION: REQUIREMENT AND FUNCTION OF  
HIPPO PATHWAY SIGNALING IN THE MAMMALIAN  
GASTROINTESTINAL TRACT**





### Sezin Dagdeviren

*Mentor: Jason K. Kim, PhD*

DISSERTATION: THE EFFECTS OF INTERLEUKIN-10 ON SKELETAL  
MUSCLE INSULIN RESISTANCE AND MYOGENESIS

### Melissa Guildford Derner

*Mentor: Andrew R. Tapper, PhD*

DISSERTATION: SEX, DRUGS, AND RODENT REWARD: AN  
EXPLORATION OF THE SEX-SPECIFIC ROLES OF NICOTINIC  
ACETYLCHOLINE RECEPTORS IN ETHANOL REWARD

### Laura Marie Deveau

*Mentor: Francesca Massi, PhD*

DISSERTATION: CHARACTERIZING THE DISORDER IN  
TRISTRAPROLIN AND ITS CONTRIBUTION TO POST-  
TRANSCRIPTIONAL GENE REGULATION

### Tyler Wayne Doughty

*Mentor: Jennifer A. Benanti, PhD*

DISSERTATION: LEVELS OF YCG1 LIMIT CONDENSIN FUNCTION  
DURING THE CELL CYCLE

### Michelle Lynne Dubuke

*Mentor: Mary Munson, PhD*

DISSERTATION: THE EXOCYST SUBUNIT SEC6 INTERACTS WITH  
ASSEMBLED EXOCYTIC SNARE COMPLEX

### Caroline Mary Duffy

*Mentor: Brian Anthony Kelch, PhD*

DISSERTATION: STRUCTURAL MECHANISMS OF THE SLIDING  
CLAMP AND THE SLIDING CLAMP LOADER: INSIGHTS INTO  
DISEASE AND FUNCTION

### Glen Ray Gallagher

*Mentor: Robert W. Finberg, MD*

DISSERTATION: VIRUSES IMPLICATED IN THE INITIATION OF  
TYPE 1 DIABETES AFFECT  $\beta$  CELL FUNCTION AND ANTIVIRAL  
INNATE IMMUNE RESPONSES

### Diane Lynn Golebiowski

*Mentor: Miguel Sena-Esteves, PhD*

DISSERTATION: OVERCOMING TOXICITY FROM TRANSGENE  
OVEREXPRESSION THROUGH VECTOR DESIGN IN AAV GENE  
THERAPY FOR GM2 GANGLIOSIDOSIS

### Alisha Marie Gruntman

*Mentor: Terence R. Flotte, MD*

DISSERTATION: A TRANSLATIONAL PATHWAY FOR RECOMBINANT  
ADENO-ASSOCIATED VIRUS HUMAN GENE THERAPY: FROM  
TARGET IDENTIFICATION AND ANIMAL MODELING OF THE  
DISEASE TO NON-HUMAN PRIMATE AND HUMAN STUDIES

### Dwijit Guha Sarkar

*Mentor: Miguel Sena-Esteves, PhD*

DISSERTATION: A WALK ON THE FINE LINE BETWEEN REWARD  
AND RISK: AAV-IFN-BETA GENE THERAPY FOR GLIOBLASTOMA

### Ting-Hao Huang

*Mentor: Carlos Lois, MD, PhD*

DISSERTATION: A SYNTHETIC GENETIC SYSTEM TO INVESTIGATE  
BRAIN CONNECTIVITY AND GENETICALLY MANIPULATE  
INTERACTING CELLS

### Yung-Chi Huang

*Mentor: Mark Alkema, PhD*

DISSERTATION: BEHAVIORAL AND FUNCTIONAL ANALYSIS OF A  
CALCIUM CHANNELOPATHY IN *CAENORHADITIS ELEGANS*

### Chien-Min Hung

*Mentor: David A. Guertin, PhD*

DISSERTATION: mTORC2 PROMOTES LIPID STORAGE AND  
SUPPRESSES THERMOGENESIS IN BROWN ADIPOSE TISSUE IN  
PART THROUGH AKT-INDEPENDENT REGULATION OF FOXO1

### Hui-Fang Hung

*Mentor: Stephen J. Doxsey, PhD*

DISSERTATION: ROLES OF THE MOTHER CENTRIOLE APPENDAGE  
PROTEIN CENEXIN IN MICROTUBULE ORGANIZATION DURING  
CELL MIGRATION AND CELL DIVISION

### Li Jiang

*Mentor: Daniel N. Bolon, PhD*

DISSERTATION: SYSTEMATIC EXPERIMENTAL DETERMINATION  
OF FUNCTIONAL CONSTRAINTS ON PROTEINS AND ADAPTIVE  
POTENTIAL OF MUTATIONS

### Hatem Elif Kamber

*Mentor: Andreas Bergmann, PhD*

DISSERTATION: REGULATION OF THE *DROSOPHILA* INITIATOR  
CASPASE DRONC THROUGH UBIQUITYLATION



### Ebru Kaymak

*Mentor: Sean P. Ryder, PhD*

DISSERTATION: UNDERSTANDING THE SEQUENCE-SPECIFICITY AND RNA TARGET RECOGNITION PROPERTIES OF THE OOCYTE MATURATION FACTOR, OMA-1, IN *CAENORHABDITIS ELEGANS*

### Sara Lynn Lewandowski

*Mentor: Chinmay M. Trivedi, MD, PhD*

DISSERTATION: HISTONE DEACETYLASE 3 COORDINATES HEART DEVELOPMENT THROUGH STAGE-SPECIFIC ROLES IN CARDIAC PROGENITOR CELLS

### Yihang Li

*Mentor: Vivian Budnik, PhD*

DISSERTATION: MECHANISMS OF SYNAPTIC DEVELOPMENT AND PREMATURE AGING IN *DROSOPHILA*

### Kuan-Hung Lin

*Mentor: Celia A. Schiffer, PhD*

DISSERTATION: VIRAL PROTEASES AS DRUG TARGETS AND THE MECHANISMS OF DRUG RESISTANCE

### Shao-Hsien Liu

*Mentor: Kate L. Lapane, PhD*

DISSERTATION: IMPACT OF INTRA-ARTICULAR INJECTION USE ON PATIENT-REPORTED OUTCOMES AMONG PATIENTS WITH KNEE OSTEOARTHRITIS

### Leyuan Ma

*Mentor: Michael R. Green, MD, PhD*

DISSERTATION: TARGETING DRUG RESISTANCE IN CHRONIC MYELOID LEUKEMIA

### Timothy David Matheson

*Mentor: Paul D. Kaufman, PhD*

DISSERTATION: CAF-1 p150 AND KI-67 REGULATE NUCLEAR STRUCTURE THROUGHOUT THE HUMAN CELL CYCLE

### So Yun Min

*Mentor: Silvia Corvera, MD*

DISSERTATION: THE ORIGIN OF HUMAN WHITE, BROWN AND BRITE/BEIGE ADIPOCYTES

### Minwoo Nam

*Mentor: John F. Keaney, MD*

DISSERTATION: ROLE OF ENERGY METABOLISM IN THE THERMOGENIC GENE PROGRAM

### Samantha Grace Palace

*Mentor: Jon D. Goguen, PhD*

DISSERTATION: PLAGUE AND THE DEFEAT OF MAMMALIAN INNATE IMMUNITY: SYSTEMATIC GENETIC ANALYSIS OF *YERSINIA PESTIS* VIRULENCE FACTORS

### Victoria Elizabeth Pedanou

*Mentor: Michael R. Green, MD, PhD*

DISSERTATION: IDENTIFICATION OF NOVEL PATHWAYS THAT PROMOTE ANOIKIS THROUGH GENOME-WIDE SCREENS

### Debra Ann Ragland

*Mentor: Celia A. Schiffer, PhD*

DISSERTATION: MORE THAN COMPENSATORY: THE STRUCTURAL BASIS OF DRUG RESISTANCE IN THE HIV-1 PROTEASE

### Emily Sarah Christine Rittershaus

*Mentor: Christopher M. Sassetti, PhD*

DISSERTATION: IDENTIFICATION OF ESSENTIAL METABOLIC AND GENETIC ADAPTATIONS TO THE QUIESCENT STATE IN *MYCOBACTERIUM TUBERCULOSIS*

### Ozlem Senol-Cosar

*Mentor: Michael P. Czech, PhD*

DISSERTATION: A ROLE FOR TNMD IN ADIPOCYTE DIFFERENTIATION AND ADIPOSE TISSUE FUNCTION

### Meetu Seth

*Mentor: Craig C. Mello, PhD*

DISSERTATION: FUNCTIONS OF ARGONAUTE PROTEINS IN SELF VERSUS NON-SELF RECOGNITION IN THE *C. ELEGANS* GERMLINE

### Sally Elizabeth Trabucco

*Mentor: Hong Zhang, PhD*

DISSERTATION: THE SMURF2-YY1-C-MYC AXIS IN THE GERMINAL CENTER REACTION AND DIFFUSE LARGE B CELL LYMPHOMA

### Jennifer Joy VanOudenhove

*Mentor: Gary S. Stein, PhD*

DISSERTATION: MECHANISMS REGULATING EARLY MESENODERMAL DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS

### Jessica Leigh Weatherbee

*Mentor: Alonzo H. Ross, PhD*

DISSERTATION: EXPLOITING DNA REPAIR AND ER STRESS RESPONSE PATHWAYS TO INDUCE APOPTOSIS IN GLIOBLASTOMA MULTIFORME



Sijia Wu

*Mentor: Haley E. Melikian, PhD*

DISSERTATION: NOVEL MECHANISMS REGULATING DOPAMINE  
TRANSPORTER ENDOCYTIC TRAFFICKING: ACK1-CONTROLLED  
ENDOCYTOSIS AND RETROMER-MEDIATED RECYCLING

Joseph Chrispin Yawe

*Mentor: Michael P. Czech, PhD*

DISSERTATION: MACROPHAGES ARE REGULATORS OF WHOLE  
BODY METABOLISM

## Award Recipients

CHANCELLOR'S AWARD

Kasmir Ramo

DEAN'S AWARD FOR THE MOST INSIGHTFUL DOCTORAL THESIS RESEARCH

Hatem Elif Kamber

Yihang Li

## Order of Hooding

DOCTOR OF PHILOSOPHY

Daniel John Amante  
Navonil Banerjee  
Stephen Matthew Carpenter  
Soupar Roy Choudhury  
Jennifer Lynne Cotton  
Sezin Dagdeviren  
Melissa Guildford Derner  
Laura Marie Deveau  
Michelle Lynne Dubuke  
Caroline Mary Duffy  
Alisha Marie Gruntman  
Yung-Chi Huang  
Hui-Fang Hung  
Li Jiang  
Hatem Elif Kamber  
Ebru Kaymak  
Yihang Li

Kuan-Hung Lin  
Shao-Hsien Liu  
Timothy David Matheson  
Minwoo Nam  
Samantha Grace Palace  
Emily Sarah Christine Rittershaus  
Ozlem Senol-Cosar  
Joseph Chrispin Yawe  
Meetu Seth  
Sally Elizabeth Trabucco  
Jessica Leigh Weatherbee  
Sijia Wu  
Ting-Hao Huang  
Sara Lynn Lewandowski  
Leyuan Ma  
Victoria Elizabeth Pedanou  
Jennifer Joy VanOudenhoue

# School of Medicine Graduate School of Biomedical Sciences

## Doctor of Medicine/Doctor of Philosophy

Thomas Edward Akie

*Mentor: Marcus P. Cooper, MD*

DISSERTATION: REGULATION OF METABOLISM BY  
HEPATIC OXPHOS

Gillian Jean Griffith

*Mentor: Robin E. Clark, PhD*

DISSERTATION: CONTRACEPTIVE UTILIZATION AND  
DOWNSTREAM FETO-MATERNAL OUTCOMES FOR WOMEN WITH  
SUBSTANCE USE DISORDERS

Joshua TsuKang Chang

*Mentor: David Paydarfar, MD*

DISSERTATION: FLIPPING BIOLOGICAL SWITCHES: SOLVING FOR  
OPTIMAL CONTROL

Anouch Matevossian

*Mentor: Michael P. Czech, PhD*

DISSERTATION: ENDOTHELIAL-DRIVEN INFLAMMATION  
IN METABOLIC DISEASE

Natasha Hannah Dolgin

*Mentors: Adel Bozorgzadeh, MD  
and Fredrick Anderson, PhD*

DISSERTATION: FRAILTY AND OUTCOMES IN  
LIVER TRANSPLANTATION

Gregory Michael Orlowski

*Mentor: Kenneth L. Rock, MD*

DISSERTATION: CATHOSIS: CATHEPSINS IN PARTICLE-INDUCED  
INFLAMMATORY CELL DEATH

Caitlin Elizabeth Fogarty

*Mentor: Andreas Bergmann, PhD*

DISSERTATION: DEATH IS NOT THE END: A ROLE FOR  
EXTRACELLULAR ROS IN DRIVING APOPTOSIS-INDUCED  
PROLIFERATION IN *DROSOPHILA MELANOGASTER*

Brian Joseph Quattrochi

*Mentor: Brian Lewis, PhD*

DISSERTATION: SUBTLE CONTROLLERS: MICRORNAs DRIVE  
PANCREATIC TUMORIGENESIS AND PROGRESSION

Kasmir Ramo

*Mentor: Roger J. Davis, PhD*

DISSERTATION: JUN KINASES IN HEMATOPOIESIS, AND  
VASCULAR DEVELOPMENT AND FUNCTION

## Order of Hooding

Thomas Edward Akie

Brian Joseph Quattrochi

Natasha Hannah Dolgin

Joshua TsuKang Chang

Caitlin Elizabeth Fogarty

Gillian Jean Griffith

Anouchy Matevossian

Gregory Michael Orlowski

Kasmir Ramo

# School of Medicine

## Doctor of Medicine

### BLACKSTONE HOUSE

*Mentor: Michael Ennis, MD*  
*Head of House*

Zachary Christo Demma  
Jennifer Ellen Fishbein  
Joshua Harris Litchman  
Christian M. Rose  
Valerie Joy Valant <sup>ga</sup>

*Mentor: Sonia Nagy Chimienti, MD*

Leah DeCoste  
Sarah J. Fine  
Casey Hamilton \*  
Jennifer Marie Kane \*  
Jacob Mathew Koshy <sup>b</sup>  
Caroline Jane Royer <sup>gab</sup>  
Katherine Michele Tang  
Justin Uaida <sup>g</sup>

*Mentor: William (Jerry) A. Durbin, MD*

Jeffrey Martin Brady <sup>\*g</sup>  
Emily Howe  
Gregory Edward Keefe \*  
Daniel Patrick Lindstrom  
Nicholas A. Lunig \*  
Hazel Linn Marecki  
Noreen Chioma Okwara <sup>ga</sup>  
Rachel Patel <sup>ga</sup>

*Mentors: Cynthia A. Ennis, DO*  
*Joyce S. Rosenfeld, MD*

Guyu Du  
Omar Hadzipasic <sup>c</sup>  
Kasey Meagan Hebert <sup>g</sup>  
Geeda Michelle Houranieh <sup>\*g</sup>  
Sae Jin John Oh <sup>c</sup>

Justin David Pespisa <sup>g</sup>  
Julia Arons Siegel <sup>ga</sup>  
Rayna Lin Trietsch  
Amrit Uaidyanath Uinod \*

*Mentors: Sharmilee Bansal Korets, MD*  
*Hugh J. Silk, MD*  
*Rebecca Spanagel, MD*  
No graduates in 2017

### BURNCOAT HOUSE

*Mentor: David S. Hatem, MD*  
*Head of House*

Rebecca Katherine Angoff \*  
Samuel Goldman  
Sydney Beth Greenberg <sup>g</sup>  
Natalia Kyriazidis  
Shakti Aishwarya Nochur  
Elizabeth Dahlee Yuan

*Mentor: Jennifer Austin Bram, MD*

Caroline Bancroft  
Gregory Harkins Foos \*  
Ella Kipervasser  
Matthew Ross Spring \*

*Mentor: Lisa Gussak, MD*  
Jasmine Anil Khubchandani \*  
Wei-Che C. Ko  
Theodore Wong Mooncai <sup>c</sup>

Bowen Qiu  
Vanessa Ethel Rooney  
Elizabeth Ann Rosen <sup>gb</sup>  
Caroline Yang

*Mentors: Matthew E. McGuiness, MD, MEd*  
*Jennifer Dunbar Moodie, MD*  
*Peggy W. Wu, MD*  
No graduates in 2017



## CKELLEY HOUSE

*Mentor: Phillip Fournier, MD*  
*Head of House*

Elizabeth Baratta  
Dinah Rashel Gorelik  
Yeugeniya Harrington  
Jeffrey C. Larnard  
Naomi Elka Malam  
Jonathan Eitan Miller \*  
Diana Kang Ong  
Xingyue Wang

*Mentor: Angela Beeler, MD*

Rebecca Jean Droms  
Michael Patrick Flynn  
Sarah Hoffman Fulco  
Mark Andrew Fusunyan \*<sup>g</sup>  
Rachel LeBlanc  
Patrick Lockhart McGuire \*  
Simona Nedelcu

*Mentor: James B. Broadhurst, MD*

Solange Bayard <sup>ga</sup>  
Geneva Anne DeGregorio \*<sup>c</sup>  
Angela L. Landerholm  
Christopher Patrick Libby  
Bailey Gill McGuinness  
James Barrett Nightingale II  
Jeremy David Vincent

*Mentor: Sarah McGee, MD*

Modupeola Diyaolu  
David McCarthy  
Sarah Elizabeth McGowan  
Abtin Shahanaghi  
Kathleen Elizabeth Singer  
Molly Amory Storer \*  
Taylor Robert Young

## QUINSIGAMOND HOUSE

*Mentor: Diane R. Blake, MD*  
*Head of House*

Mary Patricia Cavanaugh \*  
Max Devon Hazeltine  
Jessica Rose Long <sup>g</sup>  
Martha Ellen Luitje  
Tyler James Mehegan \*  
Haley McNulty Newman <sup>ga</sup>  
Michael George Noujaim

*Mentor: Erin E. Barlow, MD*

Aqib Farrakh Chaudhry  
Benjamin Colby Crawford \*<sup>c</sup>  
Christina Anastasia Kunycky  
Kristen Richard  
Alyse Wheelock <sup>a</sup>  
Andrew James Wilbur \*<sup>a</sup>  
Lauren Elizabeth Woo <sup>b</sup>

*Mentor: Glenn R. Kershaw, MD*

Cecilia Magdalena Bahamón <sup>a</sup>  
John Andrew Bostrom <sup>a</sup>  
Dongqi Liu  
Diandra Marie Lucia  
Courtney Marie Temple <sup>g</sup>  
Eric James Wilsterman, Jr.

*Mentor: W. Peter Metz, MD*

Cassandra Ann Doucet  
Andrew Dowd <sup>g</sup>  
Robert Andrew Martin  
Adriana Maria Polisano  
Michaela Sara Tracy

*Mentor: David A. Kane, MD*

No graduates in 2017



## TATNUCK HOUSE

*Mentor: Pang-Yen Fan, MD  
Head of House*

Molly Anne Cook <sup>gb</sup>  
Michelle Lynne Gillespie  
Leu Gorfinkel <sup>\*</sup>  
Michael Joseph Maddaleni, Jr.  
Evan Elizabeth Pagano  
John C. Sooy, Jr.

*Mentor: Nancy E. Bennet, MD*

David Matthew Balyozian  
Arielle Ann Filiberti <sup>b</sup>  
Nicole J. Koulisis <sup>a</sup>

Sara Margalit Rosenbaum <sup>\*</sup>

Daniel Lawrence Warden  
Joseph Russell Young

*Mentor: Timothy Gibson, MD*

Patrick José Alvarado  
Hannah Abigail Hoerner <sup>a</sup>  
Diswanath Ramaswamy

Kate J. Stanton

*Mentor: Thomas F. Halpin, MD*

Tedi Begaj <sup>\*</sup>  
Alexander Paul Boardman <sup>\*c</sup>  
Jorge Finke <sup>g</sup>  
Aimee Collette Kobjack <sup>b</sup>  
Thanh Thu Ngo <sup>a</sup>  
Minh Phan

*Mentor: Christine O. MacGinnis, DO*

No graduates in 2017

## BRIGHTWOOD HOUSE

UMMS-Baystate Health, Springfield, MA  
Established 2016

*Mentors: Samuel Huntington Borden, MD*

*Eric Churchill MD, MPH, MSc*

*Elizabeth Eagleson, MD*

*Jacqueline Wu, MD*

No graduates in 2017

<sup>\*</sup> ALPHA OMEGA ALPHA HONOR MEDICAL SOCIETY — RECOGNITION FOR ACADEMIC ACHIEVEMENT

<sup>g</sup> GOLD HUMANISM HONOR SOCIETY — RECOGNITION BY THEIR PEERS AS EXEMPLARS OF HUMANISM

<sup>a</sup> GLOBAL HEALTH PATHWAY

<sup>b</sup> RURAL HEALTH SCHOLARS PATHWAY

<sup>c</sup> CLINICAL AND TRANSLATIONAL RESEARCH PATHWAY

PATHWAY STUDENTS, SELECTED AFTER A COMPETITIVE APPLICATION PROCESS, ARE RESPONSIBLE FOR COMPLETING  
ADDITIONAL CURRICULAR REQUIREMENTS ABOVE-AND-BEYOND THEIR FOUR-YEAR MEDICAL DEGREE PROGRAM.

*The following graduates are being hooded by faculty family members: Rebecca Katherine Angoff, by her mother Christine Angoff, in loving memory of her father Richard H. Angoff, MD; Solange Bayard, by her father Kern Jean Bayard, MD; Benjamin Colby Crawford, by his wife Kathryn Romaine Crawford; Arielle Ann Filiberti, by her father Allan W. Filiberti, MD; Sara J. Fine, by her parents Robert W. Finberg, MD, and Joyce D. Fingerroth, MD; Sydney Beth Greenberg, by her father Elliot B. Greenberg, MD; Jacob Mathew Koshy, by his mother-in-law Dolly Geevarghese, MD; Diandra Marie Lucia, by her husband James A. Ashley, PhD; Caroline Jane Royer, by her father William E. Royer, Jr., PhD; Rayna Lin Trietsch, by her father Howard G. Trietsch, MD; and Joseph Russell Young, by his father Edwin Russell Young, DO.*



## Student Award Recipients

CHANCELLOR'S AWARD

Geneva Anne DeGregorio

THE LEONARD TOW HUMANISM IN MEDICINE AWARD  
PRESENTED BY THE ARNOLD P. GOLD FOUNDATION

Jessica Rose Long

JOHN S. EFSTATHIOU MEMORIAL AWARD

Casey Hamilton

Nicholas A. Lunig

Patrick Lockhart McGuire

Tyler James Mehegan

Katherine Michele Tang

Courtney Marie Temple

Michaela Sara Tracy

KRISTEN M. ETTENSOHN MEMORIAL AWARD FOR MEDICAL  
EXCELLENCE THROUGH ADVOCACY, ART AND ATHLETICS

Valerie Joy Valant

ANN NEMITZ MEMORIAL AWARD

Molly Anne Cook

Gillian Jean Griffith

SARAH L. STONE MEMORIAL AWARD

Sydney Beth Greenberg

GARY D. WINZELBERG, MD '74, MEMORIAL AWARD

Zachary Christo Demma

JACOB BREM PEDIATRIC AWARD

Michaela Sara Tracy

MARIANNE FELICE ADOLESCENT HEALTH AWARD

Kate J. Stanton

AARON LAZARE AWARD FOR PSYCHIATRY

Mark Andrew Fusunyan

Taylor Robert Young

DEPARTMENT OF MEDICINE AWARD: OUTSTANDING  
PERFORMANCE IN MEDICINE

Geneva Anne DeGregorio

DEPARTMENT OF MEDICINE AWARD: OUTSTANDING  
CLINICAL PERFORMANCE IN MEDICINE

Rachel LeBlanc

DEPARTMENT OF NEUROLOGY AWARD:  
DISTINCTION IN THE STUDY OF NEUROLOGY

Simona Nedelcu

EXCELLENCE IN OBSTETRICS & GYNECOLOGY AWARD

Christina Anastasia Kunycky

UMASS SURGICAL SOCIETY AWARD FOR  
EXCELLENCE IN STUDENT CLINICAL PERFORMANCE

Gregory Edward Keefe

UMASS SURGICAL SOCIETY AWARD FOR  
EXCELLENCE IN SURGICAL EDUCATION

Jeffrey Martin Brady

ASSOCIATION OF ACADEMIC SURGERY  
STUDENT RESEARCH AWARD

Jasmine Anil Khubchandani

EXCELLENCE IN PUBLIC HEALTH AWARD

Jessica Rose Long

NEW ENGLAND PEDIATRIC SOCIETY AWARD

Leu Gorfinkel

SOCIETY FOR ACADEMIC EMERGENCY MEDICINE  
EXCELLENCE IN EMERGENCY MEDICINE AWARD

Courtney Marie Temple

MASSACHUSETTS MEDICAL SOCIETY  
SCHOLARS AWARD FOR ACADEMIC EXCELLENCE

Jorge Finke

Jessica Rose Long

Michael George Noujaim

Courtney Marie Temple





#### AMERICAN MEDICAL WOMEN'S ASSOCIATION AWARD

Rebecca Katherine Angoff  
Mary Patricia Cavanaugh  
Geneva Anne DeGregorio  
Cassandra Ann Doucet  
Geeda Michelle Houranieh  
Jennifer Kane  
Jasmine Anil Khubchandani  
Haley McNulty Newman

Evan Elizabeth Pagano  
Kristen Richard  
Sara Margalit Rosenbaum  
Molly Amory Storer  
Katherine Michele Tang  
Courtney Marie Temple  
Michaela Sara Tracy  
Elizabeth Dahlee Yuan

## Faculty Award Recipients

#### THE LEONARD TOW HUMANISM IN MEDICINE AWARD

Babak Movahedi, MD, PhD

#### OUTSTANDING CLINICAL MEDICAL EDUCATORS

Mitchell A. Cahan, MD  
Frank J. Domino, MD  
William (Jerry) A. Durbin, MD  
Pang-Yen Fan, MD  
Susan B. Gagliardi, PhD  
Timothy Gibson, MD  
Uijay K. Uanguri, MD

#### OUTSTANDING HOUSE OFFICERS

Brandon E. Colvin, MD  
Michael R. Gagnier, MD  
Gregory Leslie, MD  
Marcus U. Ortega, MD

## Class Gift

At UMass Medical School, it is an annual tradition for the graduating class to leave a legacy for those who follow them. The School of Medicine Class of 2017 has chosen to honor their educational experience by sponsoring the white coats that members of the Class of 2021 will receive at their White Coat Ceremony in September to mark the beginning of their medical journey. This gift links the shared destiny of our alumni and future medical students. The Class Gift is a very special way to begin a lifelong tradition of giving back to UMass Medical School. We express our sincere gratitude to those students who generously contributed to the 2017 Class Gift Campaign.



## Oath of the School of Medicine Class of 2017

At the end of their second year of classes, when students have been in clinical settings and had time to reflect on what it means to be a physician, they compose an oath to define the “essential principles they wish to live by as physicians.”

May I walk into each patient’s room with fresh eyes and worn soles.

May I bear in mind that my patients’ health includes  
their social, psychological and spiritual well-being.

May I provide treatment through education as well as intervention.

May I give care to complement the work my patients already do to sustain themselves.

May I acknowledge that my privilege as a physician could cause me to overlook others’ hardships.

May I utilize my position in society to make health sustainable for my community.

May I be cautious of convention and hone my craft with the spark of innovation.

May I appreciate that my knowledge is the endowment of my predecessors,  
and may I add my own discoveries.

May I respect my patients’ decisions even if they would not be my own.

May I find inspiration in the woven threads that make up my patients’ lives.

May I have the courage to voice my mistakes and be supportive of others in the same endeavor.

May I recognize that collaboration with my colleagues may be in my patients’ best interest.

May I have the humility to ask for help.

May I seek an arrangement of work and life that enriches both.

PRESENTED AT THE SECOND YEAR OATH CEREMONY ON MARCH 4, 2015.



## Oath of Maimonides

Thy eternal providence has appointed me to watch over the life and health of my fellow human beings. May the love for my art actuate me at all times; may neither avarice nor miserliness, nor thirst for glory, or for great reputation engage my mind; for the enemies of truth and philanthropy could easily deceive me and make me forgetful of my lofty aim of doing good to my patients. May I never see in the patient anything but a fellow creature in pain. Grant me strength, time and opportunity, always to correct what I have acquired, always to extend its domain; for knowledge is immense and the spirit of man can extend infinitely to enrich itself daily with new requirements. Today we can discover our errors of yesterday, and tomorrow we may obtain a new light on what we think ourselves sure of today.

I have been appointed to watch over the life and death of my fellow human beings. Here am I ready for my vocation, and now I turn unto my calling.



## University of Massachusetts Worcester Mace

The University of Massachusetts Worcester mace was designed, etched and milled in 2010 by machine technology students from Worcester Technical High School, under the guidance of their faculty members Michael Hurley and Brian Cummings.

Symbols of authority and power, maces were originally hand weapons designed for use against armor. Topped by a brass finial, the University of Massachusetts Worcester mace has the University Seal etched in brass and framed by mahogany-stained cedar as a focal point. Below the seal, and offset by Corian disks, is a brass hexagon engraved on three sides with the names of the three University of Massachusetts Worcester schools – School of Medicine, Graduate School of Biomedical Sciences and Graduate School of Nursing. All of this sits atop a four-foot cedar staff. Materials for the mace were donated by local businesses.

The mace is traditionally borne by a distinguished faculty member, this year, by Deborah Harmon Hines, PhD, 2016 recipient of the Chancellor's Award for Distinguished Service.

## Academic Costume

The style of academic dress most frequently worn in the United States dates back to colonial times and is heavily influenced by European practices and styles. It was formally adopted near the end of the 19th century, when it was chosen as appropriate attire by the American Intercollegiate Commission. It has remained the general standard in America since, although some variations occur at individual institutions.

Doctoral gowns are traditionally black and carry three velvet bands around each sleeve above the elbow. Increasingly, American universities have adopted their own color for their doctoral gowns. Hoods are the most distinctive feature of American academic dress. They are lined with the colors of the institution awarding the degree and faced with the color designating the degree awarded. Thus, the procession can resemble a rainbow of colors. The soft velvet tam is the preferred style of cap worn with the doctor's gown.

Among the academic institutions represented by our faculty today are Boston College, Boston University, Brandeis, Brown, Cambridge, College of the Holy Cross, Columbia, Florida International, Harvard, Johns Hopkins, Kent State, King's College London, McGill, Michigan State, Mt. Sinai School of Medicine, New York Medical College, Stanford, Tufts, Weill Cornell Medical College, Yale, and the universities of California, Cincinnati, Florida, Maryland, Nebraska, New England, New York, Rhode Island, and Utah.

The hoods of our graduates are lined with maroon and white, signifying the University of Massachusetts, and faced with apricot for nursing, blue for philosophy and green for medicine. Faculty hood colors again represent institutions across the country and around the world.

# University of Massachusetts Board of Trustees

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*\*Student Trustee*

# University of Massachusetts Medical School

## Named Professorships and Recipients

Endowed chairs and professorships established through the generosity of individuals, families, trusts and foundations play a key role in the future success and growth of an academic institution. These cherished faculty positions help attract and retain distinguished teachers, scientists, scholars and clinicians, who are among the most outstanding in their fields. Through such concrete and visible expressions of support, benefactors help the University fulfill its mission, and those faculty chosen to hold these positions are proud to participate in the Commencement ceremony, identified by medallions suspended from maroon ribbons.

Harry M. Haidak Professorship in Surgery  
DEMETRIUS E. M. LITWIN, MD, MBA

Celia and Isaac Haidak Professorship  
in Medical Education  
TERENCE R. FLOTTE, MD

Richard M. Haidack Professorship in Medicine  
ROBERT W. FINBERG, MD

Irving S. and Betty Brudnick Chair in Psychiatry  
ANTHONY J. ROTHSCHILD, MD

William and Doris Krupp Professorship  
in Medicine  
DAVID M. HARLAN, MD

Dr. John Meyers Professorship  
in Primary Care Medicine  
JERRY H. GURWITZ, MD

George F. Booth Chair in the Basic Sciences  
GEORGE B. WITMAN III, PHD

Eleanor Eustis Farrington Chair in Cancer Research  
RECIPIENT TO BE SELECTED

Arthur M. Pappas, MD, Chair in Orthopedics  
DAVID C. AYERS, MD

H. Arthur Smith Chair in Cancer Research  
ROGER J. DAVIS, PHD

Uitold Arnett Professorship in Cell Biology  
THORU PEDERSON, PHD

Edward Budnitz, MD, Professorship  
in Cardiovascular Medicine  
JOEL M. GORE, MD

David J. Freeland Professorship  
in AIDS Research  
JEREMY LUBAN, MD

Gerald L. Haidak, MD, and Zelda S. Haidak  
Professorship in Cell Biology  
ALLAN S. JACOBSON, PHD

Lambi and Sarah Adams Chair in Genetic Research  
MICHAEL R. GREEN, MD, PHD

Barbara and Nathan Greenberg Chair  
in Biomedical Research  
RECIPIENT TO BE SELECTED

Gladys Smith Martin Chair in Oncology  
RECIPIENT TO BE SELECTED

Barbara Helen Smith Chair  
in Preventive and Behavioral Medicine  
JUDITH K. OCKENE, PHD

Higgins Family Professorship in Neuroscience  
STEVEN M. REPPERT, MD

David J. and Barbara D. Milliken Professorship  
in Preventive Cardiology  
IRA S. OCKENE, MD

Arthur F. and Helen P. Koskinas Professorship  
in Biochemistry and Molecular Pharmacology  
C. ROBERT MATTHEWS, PHD

Blais University Chair in Molecular Medicine  
CRAIG C. MELLO, PHD

Robert M. and Shirley S. Siff Chair in Autism  
JEAN A. FRAZIER, MD



Gretchen Stone Cook Chair in Biomedical Sciences

PHILLIP D. ZAMORE, PHD

Leo P. and Theresa M. LaChance Chair  
in Medical Research

ROBERT H. BROWN JR., DPHIL, MD

Ali and John Pierce Chair  
in Pediatric Hematology/Oncology

PETER E. NEWBURGER, MD

Joy McCann Professorship  
for Women in Medicine

TIFFANY A. MOORE SIMAS, MD, MPH, MED

Isadore and Fannie Foxman Chair  
in Medical Research

MICHAEL P. CZECH, PHD

Silverman Chair in Natural Sciences

VICTOR R. AMBROS, PHD

Penelope Booth Rockwell Chair  
in Biomedical Research

GUANGPING GAO, PHD

Mary C. DeFeudis Chair in Biomedical Research

JOHN F. KEANEY JR., MD

Melvin S. and Sandra L. Cutler Chair  
in Biomedical Research

CATARINA I. KIEFE, MD, PHD

Dr. Eileen L. Berman and Stanley I. Berman  
Foundation Chair in Biomedical Research

DALE L. GREINER, PHD

Myles J. McDonough Chair in Rheumatology

ELLEN M. GRAVALLESE, MD

The Endowed Chair in Diabetes Research

SILVIA CORVERA, MD

Worcester Foundation for Biomedical Research  
Chair

VIVIAN BUDNIK, PHD

UMass Memorial Health Care Chair  
in Biomedical Research

KATHERINE RUIZ DE LUZURIAGA, MD

Worcester Foundation for Biomedical Research  
Chair II

GYONGYI SZABO, MD, PHD

The Stoddard Chair of Pediatrics

MARY M. LEE, MD

Pillar Chair in Biomedical Research

DOUGLAS T. GOLENBOCK, MD

Arthur F. Koskinas Chair in Neuroscience

JOEL D. RICHTER, PHD

Worcester Foundation for Biomedical Research  
Chair III

KATHERINE A. FITZGERALD, PHD

Timothy S. and Elaine L. Peterson Chair  
in Rheumatology

JONATHAN KAY, MD

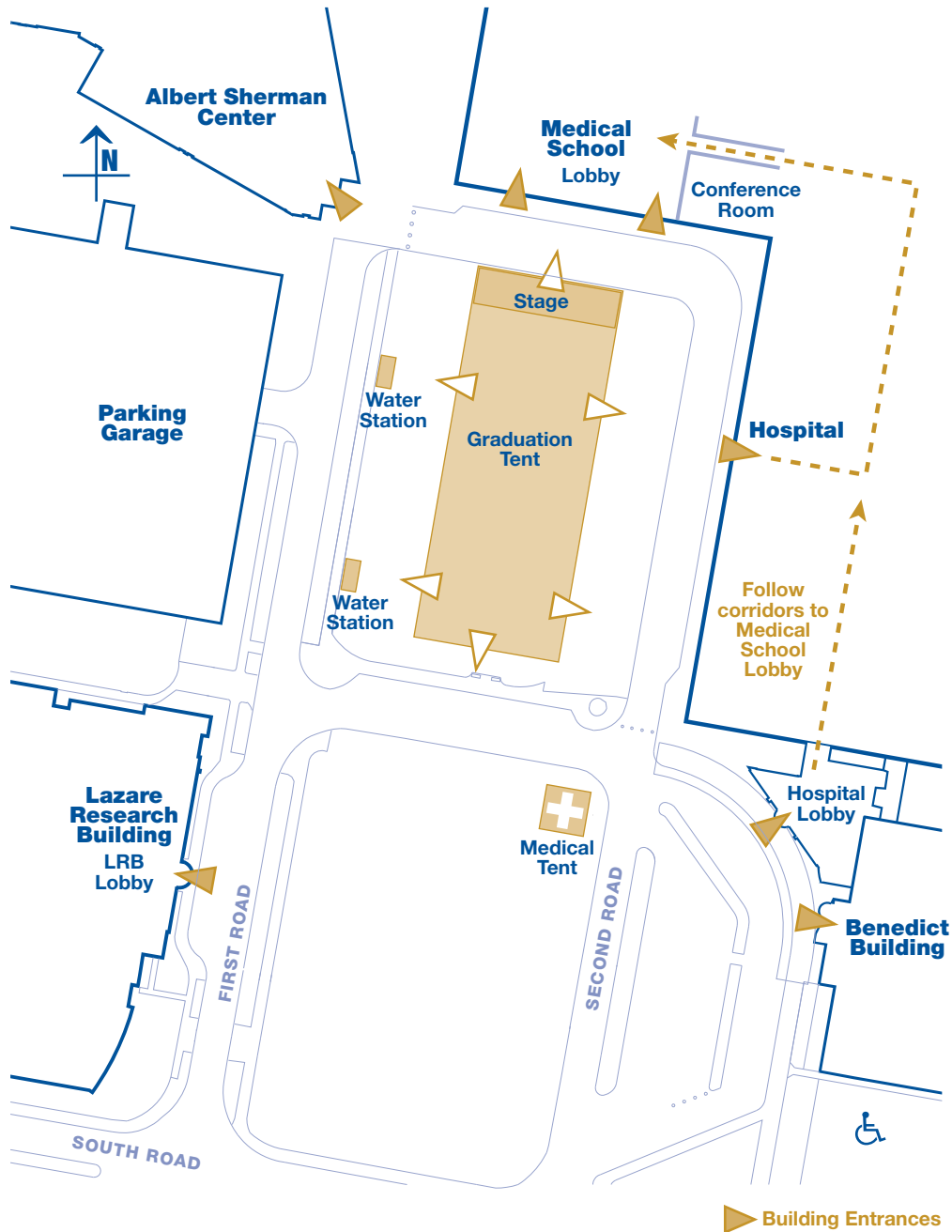
The University of Massachusetts Medical School, one of five campuses of the University system, comprises the School of Medicine, the Graduate School of Biomedical Sciences, the Graduate School of Nursing, a thriving research enterprise and an innovative public service initiative, Commonwealth Medicine. Its mission is to advance the health of the people of the commonwealth through pioneering education, research, public service and health care delivery with its clinical partner, UMass Memorial Health Care. In doing so, UMass Medical School has built a reputation as a leader in primary care education and a world-class research institution.

In 2006, UMass Medical School professor Craig C. Mello, PhD, Howard Hughes Medical Institute Investigator and the Blais University Chair in Molecular Medicine, was awarded the Nobel Prize in Physiology or Medicine, along with colleague Andrew Z. Fire, PhD, of Stanford University, for their discoveries related to RNA interference (RNAi).

The 2013 opening of the Albert Sherman Center ushered in a new era of biomedical research and education on campus. Designed to maximize collaboration across fields, the Sherman Center is home to scientists pursuing novel research in emerging scientific fields with the goal of translating new discoveries into innovative therapies for human diseases.

# University of Massachusetts Medical School Campus Map

In case of emergency, enter the closest building unless otherwise instructed.



This book is not an official record of graduation from the University of Massachusetts Medical School. The degrees are officially granted on the date ending the academic quarter in which the degree requirements are completed.